

**Flood Control Project Maintenance  
Levee Inspections**

**LMA District Cover Sheet**

**Spring 2013 Levee Inspection Results**

**Reclamation District No. 0556 Upper Andrus**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an induction of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2013 Levee Inspection Results**

**Reclamation District No. 0556 Upper Andrus**

Waterway			Bank	Unit Miles
Unit No. 01 Georgiana Slough			Right	5.47
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/25/2013 - 04/25/2013			
DWR Inspector	Herman Phillips			
Accompanied By	DuWain Silva RD 556			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No.	Levee Mile		Category	Item	* Location +	* Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
1			Operations & Maintenance Manuals	LS M Ma						°	° 3
										°	°
											DWR ID: DWR_RD0556_01_s_2012_3
2			Emergency Supplies & Equipment	LS M Ma						°	° 6
										°	°
											DWR ID: DWR_RD0556_01_s_2012_6
3			Flood Preparedness & Training	LS M Ma						°	° 11
										°	°
											DWR ID: DWR_RD0556_01_s_2012_11
4	0.17	0.42	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.236667 ° 38.233755 ° 68 -120.518060 ° -121.520320 ° Y			
											DWR ID: DWR_RD0556_01_s_2013_68
5	0.21	0.80	Vegetation	WS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.236107 ° 38.229459 ° 8 -121.517979 ° -121.524805 °			
											DWR ID: DWR_RD0556_01_s_2012_8
6	0.42	0.42	Encroachments	WS U Ma	TR : Tree or limb Inspector Comments: At this location there is a dead tree. Remove it from the levee section.			38.233775 ° 38.233775 ° 61 -121.520351 ° -121.520351 ° Y			
											DWR ID: DWR_RD0556_01_f_2012_61
7	0.49	0.49	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.232899 ° 38.232899 ° 10 -121.521250 ° -121.521254 °			
											DWR ID: DWR_RD0556_01_f_2012_10
8	0.61	0.79	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.231551 ° 38.229575 ° 4 -121.522633 ° -121.524622 °			
											DWR ID: DWR_RD0556_01_s_2013_4
9	0.66	1.34	Vegetation	WS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.231011 ° 38.227508 ° 7 -121.523246 ° -121.532396 °			
											DWR ID: DWR_RD0556_01_s_2013_7
10	0.80	3.35	Animal Control	LS M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.			38.229459 ° 38.208959 ° 12 -121.524805 ° -121.541368 °			
											DWR ID: DWR_RD0556_01_s_2012_12
11	0.81	0.84	Trim / Thin Trees	LS M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.			38.229312 ° 38.229119 ° 19 -121.525001 ° -121.525443 °			
											DWR ID: DWR_RD0556_01_s_2013_19
12	0.87	0.88	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.228861 ° 38.228744 ° 33 -121.525826 ° -121.525897 °			
											DWR ID: DWR_RD0556_01_f_2012_33
13	0.89	0.90	Vegetation	LS M En	V6 : Landscaping			38.228680 ° 38.228618 ° 5 -121.526200 ° -121.526290 °			
											DWR ID: DWR_RD0556_01_s_2012_5
14	0.95	1.22	Animal Control	LS M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.			38.228016 ° 38.227854 ° 1 -121.526868 ° -121.530291 °			
											DWR ID: DWR_RD0556_01_s_2012_1

* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable
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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
15	1.04	1.27	Trim / Thin Trees	LS M	T2 : Thin trees to allow visibility of the ground and room to flood fight. Ma		38.226780 °	38.227966 °	36	-121.527465 °	-121.531176 °
							DWR ID: DWR_RD0556_01_f_2012_36				
16	1.08	1.08	Erosion / Bank Caving	LS M	E1 : Note and monitor erosion site. Ma		38.226887 °	38.226887 °	14	-121.528022 °	-121.528022 °
							DWR ID: DWR_RD0556_01_s_2012_14				
17	1.27	1.35	Trim / Thin Trees	LS C	T2 : Thin trees to allow visibility of the ground and room to flood fight. Ma		38.227966 °	38.227438 °	38	-121.531173 °	-121.532495 °
							DWR ID: DWR_RD0556_01_f_2012_38				
18	1.27	1.27	Erosion / Bank Caving	LS M	E1 : Note and monitor erosion site. Ma		38.227967 °	38.227967 °	37	-121.531180 °	-121.531180 °
							DWR ID: DWR_RD0556_01_f_2012_37				
19	1.34	1.36	Encroachments	LS U	DE : Debris En Inspector Comments: Asphalt dumped along toe of levee. Photo No.75. 4-25-2013.		38.227521 °	38.227320 °	27	-121.532393 °	-121.532710 ° Y
							DWR ID: DWR_RD0556_01_s_2013_27				
20	1.36	1.37	Trim / Thin Trees	LS M	T2 : Thin trees to allow visibility of the ground and room to flood fight. Ma		38.227320 °	38.227216 °	29	-121.532707 °	-121.532870 °
							DWR ID: DWR_RD0556_01_s_2013_29				
21	1.39	1.39	Erosion / Bank Caving	LS M	E1 : Note and monitor erosion site. Ma		38.227016 °	38.227016 °	21	-121.533105 °	-121.533105 °
							DWR ID: DWR_RD0556_01_f_2012_21				
22	1.41	1.72	Vegetation	LS M	V1 : Control annual grass and weeds on the levee slopes Ma and easements.		38.226785 °	38.224251 °	30	-121.533314 °	-121.537723 °
							DWR ID: DWR_RD0556_01_s_2013_30				
23	1.43	1.43	Erosion / Bank Caving	LS M	E1 : Note and monitor erosion site. Ma		38.226537 °	38.226537 °	40	-121.533512 °	-121.533512 °
							DWR ID: DWR_RD0556_01_f_2012_40				
24	1.49	1.49	Erosion / Bank Caving	LS M	E1 : Note and monitor erosion site. Ma		38.225840 °	38.225840 °	22	-121.534157 °	-121.534157 °
							DWR ID: DWR_RD0556_01_s_2012_22				
25	1.55	1.57	Encroachments	WS U	TR : Tree or limb En Inspector Comments: These cut up tree sections remain on the waterward slope. The owner is on the Reclamation District's Board, Mr. Silva said he will ask him to remove the encroachment 11-16-2011.		38.225191 °	38.224976 °	9	-121.534799 °	-121.535043 ° Y
							DWR ID: DWR_RD0556_01_s_2012_9				
26	1.59	1.68	Vegetation	LS M	V2 : Remove the wild growth other than native grasses from the levee slopes. Ma		38.224769 °	38.224451 °	2	-121.535569 °	-121.536927 °
							DWR ID: DWR_RD0556_01_s_2012_2				
27	1.64	1.69	Vegetation	WS M	V6 : Landscaping En		38.224623 °	38.224408 °	17	-121.536320 °	-121.537180 °
							DWR ID: DWR_RD0556_01_s_2012_17				
28	1.65	1.68	Vegetation	LS M	V6 : Landscaping En		38.224567 °	38.224438 °	18	-121.536523 °	-121.537048 °
							DWR ID: DWR_RD0556_01_s_2012_18				

* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable
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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
L/MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start
	Start	End						End	Photo	
29	1.89	1.89	Encroachments	WS M GA : Garbage Ma				38.223780 °	38.223780 °	41
								-121.540718 °	-121.540718 °	
								DWR ID: DWR_RD0556_01_f_2012_41		
30	1.97	2.04	Vegetation	WS M V2 : Remove the wild growth other than native grasses Ma				38.223641 °	38.223452 °	20
								-121.542257 °	-121.543542 °	
								DWR ID: DWR_RD0556_01_s_2013_20		
31	2.32	2.32	Erosion / Bank Caving	LS M E1 : Note and monitor erosion site. Ma				38.219858 °	38.219858 °	15
								-121.544021 °	-121.544021 °	
								DWR ID: DWR_RD0556_01_s_2012_15		
32	2.32	2.34	Trim / Thin Trees	LS U T1 : Trim trees to at least five feet above ground level. Ma				38.219822 °	38.219592 °	24
								-121.544000 °	-121.543927 °	Y
								DWR ID: DWR_RD0556_01_s_2012_24		
33	2.37	2.42	Vegetation	LS M V6 : Landscaping En				38.219083 °	38.218410 °	25
								-121.543872 °	-121.543865 °	
								DWR ID: DWR_RD0556_01_s_2012_25		
34	2.38	2.38	Encroachments	LS M TR : Tree or limb En				38.218933 °	38.218933 °	32
								-121.543807 °	-121.543807 °	
								DWR ID: DWR_RD0556_01_s_2013_32		
35	2.42	2.46	Vegetation	LS U V2 : Remove the wild growth other than native grasses Ma				38.218426 °	38.217846 °	47
								-121.543800 °	-121.543796 °	Y
								DWR ID: DWR_RD0556_01_f_2012_47		
36	2.42	2.42	Vegetation	LS M V2 : Remove the wild growth other than native grasses Ma				38.218373 °	38.218373 °	26
								-121.543847 °	-121.543847 °	
								DWR ID: DWR_RD0556_01_s_2012_26		
37	2.42	2.69	Encroachments	LS M BU : Building En				38.218373 °	38.215230 °	28
								-121.543847 °	-121.541147 °	
								DWR ID: DWR_RD0556_01_s_2012_28		
38	2.46	2.50	Trim / Thin Trees	LS M T1 : Trim trees to at least five feet above ground level. Ma				38.217757 °	38.217285 °	42
								-121.543827 °	-121.543693 °	
								DWR ID: DWR_RD0556_01_f_2012_42		
39	2.46	2.50	Vegetation	LS M V2 : Remove the wild growth other than native grasses Ma				38.217757 °	38.217285 °	82
								-121.543827 °	-121.543693 °	
								DWR ID: DWR_RD0556_01_s_2012_82		
40	2.47	2.47	Encroachments	LS M TR : Tree or limb En				38.217568 °	38.217568 °	53
								-121.543740 °	-121.543740 °	
								DWR ID: DWR_RD0556_01_s_2013_53		
41	2.50	2.50	Encroachments	LS M FW : Firewood En				38.217189 °	38.217189 °	43
								-121.543579 °	-121.543579 °	
								DWR ID: DWR_RD0556_01_f_2012_43		
42	2.54	2.62	Vegetation	LS M V2 : Remove the wild growth other than native grasses Ma				38.216757 °	38.215924 °	44
								-121.543215 °	-121.542148 °	
								DWR ID: DWR_RD0556_01_f_2012_44		
43	2.56	2.65	Vegetation	LS M V1 : Control annual grass and weeds on the levee slopes Ma				38.216565 °	38.215690 °	62
								-121.542919 °	-121.541752 °	
								DWR ID: DWR_RD0556_01_s_2013_62		

* Location LS : Land Side WS : Water Side CR : Crown
** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated	C : Corrected	+ Issue Type
A/W : Acceptable but Monitor & Maintain		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start
	Levee Mile	Unit Miles						Start	End	
44	2.72	2.72	Encroachments	WS M FW : Firewood	En			38.215099 °	38.215099 °	45
								-121.540725 °	-121.540725 °	
								DWR ID: DWR_RD0556_01_f_2012_45		
45	2.96	2.99	Vegetation	WS M V2 : Remove the wild growth other than native grasses	Ma			38.212661 °	38.212328 °	63
								-121.537633 °	-121.537318 °	
								DWR ID: DWR_RD0556_01_s_2013_63		
46	2.97	2.99	Vegetation	LS M V6 : Landscaping	En			38.212573 °	38.212320 °	34
								-121.537648 °	-121.537407 °	
								DWR ID: DWR_RD0556_01_s_2012_34		
47	2.99	3.04	Vegetation	LS M V6 : Landscaping	En			38.212242 °	38.211650 °	35
								-121.537333 °	-121.536972 °	
								DWR ID: DWR_RD0556_01_s_2012_35		
48	3.00	3.17	Vegetation	WS M V2 : Remove the wild growth other than native grasses	Ma			38.212191 °	38.210767 °	49
								-121.537232 °	-121.538952 °	
								DWR ID: DWR_RD0556_01_f_2012_49		
49	3.00	3.00	Trim / Thin Trees	LS M T2 : Thin trees to allow visibility of the ground and room to	Ma			38.212113 °	38.212113 °	50
								-121.537142 °	-121.537142 °	
								DWR ID: DWR_RD0556_01_f_2012_50		
50	3.04	3.04	Vegetation	LS M V2 : Remove the wild growth other than native grasses	Ma			38.211491 °	38.211491 °	64
								-121.537012 °	-121.537012 °	
								DWR ID: DWR_RD0556_01_s_2013_64		
51	3.12	3.15	Vegetation	LS M V6 : Landscaping	En			38.211010 °	38.210857 °	39
								-121.538043 °	-121.538632 °	
								DWR ID: DWR_RD0556_01_s_2012_39		
52	3.16	3.17	Trim / Thin Trees	LS M T2 : Thin trees to allow visibility of the ground and room to	Ma			38.210839 °	38.210767 °	52
								-121.538773 °	-121.538952 °	
								DWR ID: DWR_RD0556_01_f_2012_52		
53	3.23	3.24	Animal Control	LS M A1 : Exterminate rodents and backfill and compact or	Ma			38.210363 °	38.210270 °	65
								-121.540020 °	-121.540207 °	
								DWR ID: DWR_RD0556_01_s_2013_65		
54	3.24	3.24	Encroachments	WSA/W PI : Pipe	En			38.210882 °	38.210882 °	23
								-121.538674 °	-121.538674 °	
								DWR ID: DWR_RD0556_01_s_2012_23		
55	3.26	3.26	Trim / Thin Trees	LS M T2 : Thin trees to allow visibility of the ground and room to	Ma			38.210145 °	38.210145 °	13
								-121.540337 °	-121.540337 °	
								DWR ID: DWR_RD0556_01_f_2012_13		
56	3.26	3.26	Animal Control	LS M A3 : No rodents visible, but rodent burrows visible; need to	Ma			38.210059 °	38.210059 °	31
								-121.540410 °	-121.540410 °	
								Y		
								DWR ID: DWR_RD0556_01_s_2013_31		
57	3.26	3.35	Encroachments	LS M FE : Fence	En			38.210059 °	38.208927 °	54
								-121.540412 °	-121.541338 °	
								DWR ID: DWR_RD0556_01_f_2012_54		

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LWR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
58	3.26	3.91	Vegetation	WS U	V2 : Remove the wild growth other than native grasses Ma				38.210058 ° 38.201618 ° 56 -121.540412 ° -121.542364 ° Y DWR ID: DWR_RD0556_01_f_2012_56		
59	3.31	3.32	Vegetation	LS C	V6 : Landscaping En				38.209525 ° 38.209352 ° 46 -121.540880 ° -121.540972 ° DWR ID: DWR_RD0556_01_s_2012_46		
60	3.35	3.42	Vegetation	LS M	V6 : Landscaping En				38.208982 ° 38.208112 ° 48 -121.541340 ° -121.541558 ° DWR ID: DWR_RD0556_01_s_2012_48		
61	3.44	3.46	Encroachments	WS U	PI : Pipe Ma				38.207812 ° 38.207552 ° 51 -121.541683 ° -121.541755 ° Y DWR ID: DWR_RD0556_01_s_2012_51		
62	3.45	3.45	Encroachments	WS M	GA : Garbage En				38.207630 ° 38.207630 ° 57 -121.541699 ° -121.541699 ° DWR ID: DWR_RD0556_01_f_2012_57		
63	3.68	4.16	Trim / Thin Trees	LS M	T2 : Thin trees to allow visibility of the ground and room to Ma				38.204317 ° 38.199502 ° 58 -121.541259 ° -121.545736 ° DWR ID: DWR_RD0556_01_f_2012_58		
64	3.87	3.91	Vegetation	LS M	V6 : Landscaping En				38.201907 ° 38.201603 ° 55 -121.541672 ° -121.542302 ° DWR ID: DWR_RD0556_01_s_2012_55		
65	3.94	4.05	Encroachments	WS M	BU : Building En				38.201475 ° 38.200617 ° 86 -121.542832 ° -121.544530 ° DWR ID: DWR_RD0556_01_s_2012_86		
66	4.03	4.05	Vegetation	LS M	V2 : Remove the wild growth other than native grasses Ma				38.200897 ° 38.200712 ° 60 -121.544350 ° -121.544601 ° DWR ID: DWR_RD0556_01_f_2012_60		
67	4.03	4.79	Animal Control	LS M	A1 : Exterminate rodents and backfill and compact or Ma				38.200897 ° 38.192662 ° 59 -121.544350 ° -121.553160 ° DWR ID: DWR_RD0556_01_f_2012_59		
68	4.05	4.05	Animal Control	CR U	A3 : No rodents visible, but rodent burrows visible; need to Ma				38.995700 ° 38.995700 ° 69 -120.346300 ° -120.346300 ° DWR ID: DWR_RD0556_01_s_2013_69		
69	4.05	5.46	Vegetation	WS M	V2 : Remove the wild growth other than native grasses Ma				38.200658 ° 38.186464 ° 67 -121.544711 ° -121.562550 ° DWR ID: DWR_RD0556_01_s_2013_67		
70	4.05	5.46	Vegetation	LS M	V2 : Remove the wild growth other than native grasses Ma				38.200659 ° 38.186542 ° 66 -121.544711 ° -121.562411 ° DWR ID: DWR_RD0556_01_s_2013_66		

* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector			
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.		
	Start	End					Start	End	Photo				
71	5.11	5.26	Supplemental USACE Erosion Survey	WS	M	Ma	Inspector Comments: 1997 - Toe damaged rock. 1999 - One pocket filled with gravel. 2000 - Eroding beach with some biotech rolls and stakes; some gravel on slope. 2001 - Staked, low fascine walls at bankline. 2005 - Stone revetment in between pockets. 2006 - New rock on upper slope behind brush boxes at the upstream end, Stone is sliding off the hard toe. 2012: No observed change. [2012 Site ID: GEO_7-0_R]	38.189775 °	38.188121 °	16	-121.557729 °	-121.559413 °	Y

DWR ID: DWR\_RD0556\_01\_s\_2013\_16

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.17
End Levee Mile	0.42
Location	Land Side
Category	
Item	Vegetation
RD 556 Unit 1 looking downstream from levee mile 0.17 landside slope. Photo taken 4-25-2013.	
phillips_s_20130509_415.JPG	



Levee Mile Report Line	6
Start Levee Mile	0.42
End Levee Mile	0.42
Location	Water Side
Category	
Item	Encroachments
Waterside RD 556 Unit 1 levee mile 0.42, this tree fell down last year on the waterside slope in 2011. As of fall 2012 it hasn't been removed. Photo taken 10-20-2012. 4-25-2013 this tree still remains on the waterside slope, no new photo taken.	
phillips_s_20130325_331.jpg	



Levee Mile Report Line	19
Start Levee Mile	1.34
End Levee Mile	1.36
Location	Land Side
Category	
Item	Encroachments
Unauthorized asphalt dumping on toe of levee section. Photo taken 4-25-2013.	
phillips_s_20130509_416.JPG	



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	25
Start Levee Mile	1.55
End Levee Mile	1.57
Location	Water Side
Category	
Item	Encroachments
<p>The land owner stated that he would have these trees removed from levee section next month (April). Photo taken 3-29-2011. 10-02-2012 The cut up tree has not been removed from waterward levee shoulder. NO CHANGE 4-25-2013.</p> <p>phillips_s_20130325_321.jpg</p>	



Levee Mile Report Line	32
Start Levee Mile	2.32
End Levee Mile	2.34
Location	Land Side
Category	
Item	Trim / Thin Trees
<p>levee mile 2.35 the fig trees are blocking view of slope landward. Photo taken 4-25-2013.</p> <p>phillips_s_20130509_417.JPG</p>	



Levee Mile Report Line	35
Start Levee Mile	2.42
End Levee Mile	2.46
Location	Land Side
Category	
Item	Vegetation
<p>Levee mile these trees block view of levee section landward levee mile 2.42. Photo taken 4-25-2013.</p> <p>phillips_s_20130509_418.JPG</p>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	56
Start Levee Mile	3.26
End Levee Mile	3.26
Location	Land Side
Category	
Item	Animal Control
This damage was caused by gophers in levee slope. Photo taken 4-25-2013.	
phillips_s_20130509_419.JPG	



Levee Mile Report Line	58
Start Levee Mile	3.26
End Levee Mile	3.91
Location	Water Side
Category	
Item	Vegetation
This wild growth needs to be controlled, no change since last inspection. Photo taken 4-25-2013.	
phillips_s_20130509_420.JPG	



Levee Mile Report Line	61
Start Levee Mile	3.44
End Levee Mile	3.46
Location	Water Side
Category	
Item	Encroachments
Concrete pipe not removed from levee section. Photo taken 4-25-2013.	
phillips_s_20130509_421.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	71
Start Levee Mile	5.11
End Levee Mile	5.26
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1



phillips\_s\_20130325\_324.jpg

Levee Mile Report Line	71
Start Levee Mile	5.11
End Levee Mile	5.26
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2



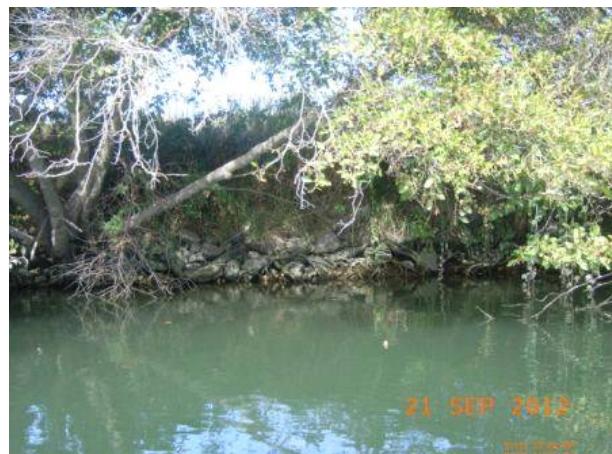
phillips\_s\_20130325\_325.jpg

Levee Mile Report Line	71
Start Levee Mile	5.11
End Levee Mile	5.26
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3



phillips\_s\_20130325\_326.jpg



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CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2013 Levee Inspection Results**

**Reclamation District No. 0556 Upper Andrus**

Waterway			Bank	Unit Miles
Unit No. 02 Sacramento River			Left	5.72
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/25/2013 - 04/25/2013			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. DuWain Silva RD 556			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No.	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
1	0.00	0.00	Vegetation	WS M	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.200550 °	38.200550 °	82	-121.544190 °	-121.544190 ° Y
										DWR ID: DWR_RD0556_02_s_2013_82	
2	0.07	0.07	Trim / Thin Trees	WS M	WS Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.239049 °	38.239031 °	43	-121.519520 °	-121.519524 °
										DWR ID: DWR_RD0556_02_f_2012_43	
3	0.07	1.86	Trim / Thin Trees	WS M	WS Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.239078 °	38.240907 °	60	-121.519565 °	-121.551834 °
										DWR ID: DWR_RD0556_02_s_2013_60	
4	0.08	0.14	Vegetation	WS U	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.239077 °	38.238935 °	65	-121.519714 °	-121.520869 ° Y
										DWR ID: DWR_RD0556_02_s_2013_65	
5	0.09	0.12	Vegetation	LS M	LS Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.239017 °	38.238948 °	44	-121.519977 °	-121.520530 °
										DWR ID: DWR_RD0556_02_f_2012_44	
6	0.11	0.47	Vegetation	LS M	LS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.238974 °	38.238029 °	30	-121.520171 °	-121.526841 °
										DWR ID: DWR_RD0556_02_s_2013_30	
7	0.12	2.86	Vegetation	WS M	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.238939 °	38.229108 °	32	-121.520360 °	-121.555298 °
										DWR ID: DWR_RD0556_02_s_2013_32	
8	0.16	1.72	Vegetation	WS M	WS Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.238841 °	38.240958 °	45	-121.521116 °	-121.549236 °
										DWR ID: DWR_RD0556_02_f_2012_45	
9	0.17	0.21	Trim / Thin Trees	WS M	WS Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.238866 °	38.238794 °	66	-121.521325 °	-121.522052 °
										DWR ID: DWR_RD0556_02_s_2013_66	
10	0.20	0.36	Vegetation	LS M	LS Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.238811 °	38.238346 °	46	-121.521936 °	-121.524867 °
										DWR ID: DWR_RD0556_02_f_2012_46	
11	0.31	0.60	Supplemental USACE Erosion Survey	WS M	WS Ma	Inspector Comments: 2002 - Two rocked sections (150 ft long) at the downstream end. 2005 - Lots of old brush boxes, some with established vegetation in the area behind the boxes. 2006 - Some small spots fixed with stone. 2009 - Minimal new erosion, rock in the middle of the reach may be new. 2011 - Minor new erosion at the toe. 2012: No observed change. [2012 Site ID: SAC_26-0_L]	38.238784 °	38.237862 °	19	-121.523932 °	-121.529188 ° Y
										DWR ID: DWR_RD0556_02_s_2013_19	
12	0.48	0.48	Trim / Thin Trees	WS N	WS Ma	T5 : Tree stumps.	38.238050 °	38.238050 °	67	-121.526876 °	-121.526876 °
										DWR ID: DWR_RD0556_02_s_2013_67	
13	0.53	1.35	Vegetation	LS M	LS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.237833 °	38.239821 °	68	-121.528093 °	-121.542438 °
										DWR ID: DWR_RD0556_02_s_2013_68	

* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
14	0.54	0.83	Vegetation	LS M V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma		38.237827 °	38.237810 °	34	-121.528056 °	-121.533291 °
										DWR ID: DWR_RD0556_02_s_2013_34	
15	0.59	0.75	Vegetation	LS M V1 : Control annual grass and weeds on the levee slopes and easements.	Ma		38.237652 °	38.237657 °	47	-121.528899 °	-121.531854 °
										DWR ID: DWR_RD0556_02_f_2012_47	
16	0.90	1.38	Vegetation	LS M V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma		38.238020 °	38.239938 °	48	-121.534572 °	-121.543044 °
										DWR ID: DWR_RD0556_02_f_2012_48	
17	0.99	5.38	Vegetation	LS M V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma		38.238342 °	38.193991 °	42	-121.536118 °	-121.562238 °
										DWR ID: DWR_RD0556_02_f_2012_42	
18	1.03	1.07	Vegetation	LS U V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma		38.238525 °	38.238673 °	24	-121.536844 °	-121.537471 °
										DWR ID: DWR_RD0556_02_s_2013_24	
19	1.08	1.16	Supplemental USACE Erosion Survey	WS M Inspector Comments: 1997 - Rock is in poor condition and has failed in many places. Scallops in berm with remnants of old rock in the toe area. 2005 - Brush boxes present. 2012: No observed change. [2012 Site ID: SAC_25-2_L]	Ma		38.239006 °	38.239265 °	22	-121.537765 °	-121.538845 °
										DWR ID: DWR_RD0556_02_s_2013_22	
20	1.11	5.72	Vegetation	WS M V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma		38.238840 °	38.191190 °	49	-121.538206 °	-121.567346 °
										DWR ID: DWR_RD0556_02_f_2012_49	
21	1.17	1.37	Trim / Thin Trees	WS U T2 : Thin trees to allow visibility of the ground and room to flood fight.	Ma		38.239151 °	38.239884 °	69	-121.539351 °	-121.542766 °
										DWR ID: DWR_RD0556_02_s_2013_69	
22	1.45	1.59	Supplemental USACE Erosion Survey	WS M Inspector Comments: 1997 - Slow erosion of the berm at the waterline; bench below water. 2005 - Brush boxes present. 2010 - Minor new erosion. 2012: No observed change. [2012 Site ID: SAC_24-8_L]	Ma		38.240401 °	38.240772 °	23	-121.544106 °	-121.546791 °
										DWR ID: DWR_RD0556_02_s_2013_23	
23	1.45	3.28	Vegetation	LS M V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma		38.240196 °	38.223070 °	50	-121.544292 °	-121.555456 °
										DWR ID: DWR_RD0556_02_f_2012_50	
24	1.52	1.79	Vegetation	WS M V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma		38.240371 °	38.241034 °	70	-121.545463 °	-121.550501 °
										DWR ID: DWR_RD0556_02_s_2013_70	
25	1.53	1.71	Vegetation	LS U V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma		38.240417 °	38.240959 °	71	-121.545769 °	-121.549025 °
										DWR ID: DWR_RD0556_02_s_2013_71	
26	1.71	3.41	Vegetation	WS M V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma		38.240959 °	38.221267 °	52	-121.549026 °	-121.555754 °
										DWR ID: DWR_RD0556_02_s_2013_52	
27	1.86	4.27	Vegetation	LS U V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma		38.240906 °	38.208791 °	72	-121.551823 °	-121.556812 °
										DWR ID: DWR_RD0556_02_s_2013_72	

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A/W : Acceptable but Monitor & Maintain

+ Issue Type  
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No	Levee Mile		Category	Item	* Location Start	** Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
28	1.88	5.70	Vegetation	WS M	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.240799 ° -121.552373 °	38.191865 ° -121.567498 °	DWR ID: DWR_RD0556_02_s_2013_73	73	
29	1.90	5.69	Vegetation	WS M	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.240740 ° -121.552539 °	° 51	DWR ID: DWR_RD0556_02_f_2012_51	°	
30	1.98	2.36	Vegetation	LS M	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.240022 ° -121.553700 °	38.236065 ° -121.557990 °	DWR ID: DWR_RD0556_02_s_2012_14	14	
31	2.02	2.06	Vegetation	WS M	V2: Remove the wild growth other than native grasses from the levee slopes.	Ma	38.239766 ° -121.554364 °	38.239474 ° -121.554851 °	DWR ID: DWR_RD0556_02_s_2013_75	75	
32	2.10	2.16	Encroachments	WS U	TR : Tree or limb	Ma	38.239030 ° -121.555518 °	38.238506 ° -121.556197 °	DWR ID: DWR_RD0556_02_f_2012_53	53	
33	2.31	2.33	Encroachments	LS U	LI : Landscape Irrigation	En	°	°	DWR ID: DWR_RD0556_02_s_2013_83	83	
					Inspector Comments: Trees planted along landward levee section with drip lines. There is no permit for this Encroachment.		°	°		Y	
34	2.32	2.55	Trim / Thin Trees	WS U	T2 : Thin trees to allow visibility of the ground and room to flood fight.	Ma	38.236579 ° -121.557934 °	38.233365 ° -121.557559 °	DWR ID: DWR_RD0556_02_s_2013_76	76	
					Inspector Comments: These trees are blocking the view of the levee section. They need to be thinned out.		Y				
35	2.38	2.73	Vegetation	LS U	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.235757 ° -121.558142 °	38.231858 ° -121.556660 °	DWR ID: DWR_RD0556_02_f_2012_54	54	
					Inspector Comments: Remove wild growth from levee section.		Y				
36	2.41	5.14	Vegetation	LS M	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.235307 ° -121.558088 °	38.196564 ° -121.559500 °	DWR ID: DWR_RD0556_02_s_2013_77	77	
37	2.69	5.42	Trim / Thin Trees	LS M	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	Ma	38.231444 ° -121.556393 °	38.193523 ° -121.562812 °	DWR ID: DWR_RD0556_02_s_2012_9	9	
38	2.81	3.00	Trim / Thin Trees	LS M	T2 : Thin trees to allow visibility of the ground and room to flood fight.	Ma	38.229938 ° -121.555556 °	38.227167 ° -121.555216 °	DWR ID: DWR_RD0556_02_f_2012_55	55	
39	2.92	3.17	Vegetation	WS M	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.228326 ° -121.555149 °	38.224729 ° -121.555331 °	DWR ID: DWR_RD0556_02_s_2012_13	13	
40	2.93	3.05	Supplemental USACE Erosion Survey	WS M	Inspector Comments: 1997 - Few scallops in berm, some getting close to levee toe. 2005 - Brush boxes present. 2012: More erosion of the toe since last year. [2012 Site ID: SAC_23-3_L]	Ma	38.228202 ° -121.555502 °	38.226601 ° -121.555605 °	DWR ID: DWR_RD0556_02_s_2013_25	25	
							Y				

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
L/MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
41	3.11	3.18	Vegetation	LS M	Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.225574 °	38.224522 °	56	-121.555261 °	-121.555370 °
										DWR ID: DWR_RD0556_02_f_2012_56	
42	3.16	3.28	Supplemental USACE Erosion Survey	WS M	Ma	Inspector Comments: 2000 - Recently fallen cottonwood at the downstream end. 2005 - Empty brush boxes. 2011 - A few trees have fallen since last year. 2012: Potential new tree popout since last year. [2012 Site ID: SAC_23-2_L]	38.224850 °	38.223233 °	26	-121.555641 °	-121.555687 °
										DWR ID: DWR_RD0556_02_s_2013_26	Y
43	3.24	3.26	Trim / Thin Trees	LS M	Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.223689 °	38.223419 °	18	-121.555370 °	-121.555404 °
										DWR ID: DWR_RD0556_02_s_2012_18	
44	3.40	3.58	Trim / Thin Trees	LS M	Ma	T1 : Trim trees to at least five feet above ground level.	38.221170 °	38.218765 °	57	-121.555791 °	-121.556374 °
										DWR ID: DWR_RD0556_02_f_2012_57	
45	3.57	3.57	Trim / Thin Trees	LS M	Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.218922 °	38.218921 °	17	-121.556319 °	-121.556320 °
										DWR ID: DWR_RD0556_02_s_2012_17	
46	3.58	3.63	Supplemental USACE Erosion Survey	WS M	Ma	Inspector Comments: 1997 - Scallops into berm and very close to levee toe. 2005 - Brush boxes present. 2011 - New toe scour and freshly fallen tree. 2012: New tree popout has taken significant portion of soil out of the levee [2012 Site ID: SAC_22-7_L]	38.218951 °	38.218104 °	27	-121.556689 °	-121.556819 °
										DWR ID: DWR_RD0556_02_s_2013_27	Y
47	3.64	3.67	Trim / Thin Trees	LS M	Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.217984 °	38.217491 °	58	-121.556537 °	-121.556630 °
										DWR ID: DWR_RD0556_02_f_2012_58	
48	3.75	5.70	Vegetation	LS M	Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.216407 °	38.191875 °	6	-121.556714 °	-121.567455 °
										DWR ID: DWR_RD0556_02_s_2012_6	
49	3.82	4.13	Trim / Thin Trees	LS M	Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.215319 °	38.210907 °	16	-121.556842 °	-121.556738 °
										DWR ID: DWR_RD0556_02_s_2012_16	
50	3.95	4.12	Supplemental USACE Erosion Survey	WS M	Ma	Inspector Comments: 2002 - Spot rock along berm, but not in the erosion pockets. 2005 - Some new minor stone revetment at the upstream end. Brush boxes present. 2006 - Currently installing new brush in downstream brush boxes. 2007 - Rock in middle portion for about 150 ft. 2010 - Some attempt at repairs but still has pockets of erosion. 2012: More erosion at the toe. [2012 Site ID: SAC_22-5_L]	38.213581 °	38.211112 °	28	-121.557197 °	-121.557042 °
										DWR ID: DWR_RD0556_02_s_2013_28	Y
51	3.98	4.20	Vegetation	WS U	Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District really needs to get control of the bamboo on the levee section.	38.213032 °	38.209824 °	78	-121.556797 °	-121.556778 °
										DWR ID: DWR_RD0556_02_s_2013_78	Y

* Location LS : Land Side WS : Water Side CR : Crown
---

** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
---	---

+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
L/MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
52	4.12	4.31	Trim / Thin Trees	LS M	T2 : Thin trees to allow visibility of the ground and room to flood fight.	Ma	38.211011 °	38.208195 °	12	-121.556676 °	-121.556788 °
										DWR ID: DWR_RD0556_02_s_2012_12	
53	4.22	4.60	Vegetation	WS U	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.209642 °	38.204006 °	35	-121.556778 °	-121.556760 °
										DWR ID: DWR_RD0556_02_f_2012_35	
54	4.23	4.26	Vegetation	LS M	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.209458 °	38.208936 °	15	-121.556759 °	-121.556763 °
										DWR ID: DWR_RD0556_02_s_2012_15	
55	4.23	4.27	Vegetation	WS M	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.209458 °	38.208808 °	8	-121.556759 °	-121.556797 °
										DWR ID: DWR_RD0556_02_s_2012_8	
56	4.39	4.64	Vegetation	LS M	V6 : Landscaping	En	38.207202 °	38.203693 °	40	-121.556853 °	-121.556685 °
										DWR ID: DWR_RD0556_02_s_2012_40	
57	4.45	4.49	Vegetation	LS M	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.206187 °	38.205656 °	61	-121.556816 °	-121.556802 °
										DWR ID: DWR_RD0556_02_f_2012_61	
58	4.53	4.89	Encroachments	LS U	LI : Landscape Irrigation	En	38.205036 °	38.199871 °	59	-121.556784 °	-121.557650 °
										DWR ID: DWR_RD0556_02_s_2013_59	
59	4.59	5.25	Encroachments	LS C	FE : Fence	En	38.204096 °	38.195187 °	62	-121.556824 °	-121.560333 °
					Inspector Comments: This fence has no CVFPB permit.					DWR ID: DWR_RD0556_02_f_2012_62	
60	4.63	4.74	Encroachments	LS M	FE : Fence	En	38.203727 °	38.202218 °	7	-121.556835 °	-121.556960 °
										DWR ID: DWR_RD0556_02_s_2012_7	
61	4.64	4.85	Encroachments	LS M	FE : Fence	En	38.203693 °	38.200593 °	38	-121.556683 °	-121.557208 °
										DWR ID: DWR_RD0556_02_s_2012_38	
62	4.72	4.90	Vegetation	LS U	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.202286 °	38.199854 °	63	-121.556981 °	-121.557576 °
					Inspector Comments: Remove woody growth from levee section landward, visibility is blocked.					DWR ID: DWR_RD0556_02_f_2012_63	
63	4.74	4.85	Encroachments	WS M	FE : Fence	En	38.202250 °	38.200597 °	39	-121.556892 °	-121.557203 °
										DWR ID: DWR_RD0556_02_s_2012_39	
64	4.80	4.92	Vegetation	LS M	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.201362 °	38.199558 °	5	-121.557077 °	-121.557603 °
										DWR ID: DWR_RD0556_02_s_2012_5	
65	4.80	4.92	Vegetation	LS M	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.201362 °	38.199558 °	37	-121.557077 °	-121.557603 °
										DWR ID: DWR_RD0556_02_f_2012_37	
66	4.82	4.95	Vegetation	WS M	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.200676 °	38.199025 °	11	-121.557136 °	-121.557923 °
										DWR ID: DWR_RD0556_02_s_2012_11	

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

\*\* Rating  
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A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
67	4.85	4.88	Supplemental USACE Erosion Survey	WS M	Ma	M	Inspector Comments: 1999 - Downstream 140 ft repaired with rock. 2010 - Lots of woody debris, but no changes to site. 2012: No observed change. [2012 Site ID: SAC_21-5_L]			38.200646 ° 38.200225 ° 29 -121.557606 ° -121.557749 ° Y	DWR ID: DWR_RD0556_02_s_2013_29
68	5.01	5.07	Vegetation	LS M	Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.198403 ° 38.197618 ° 4 -121.558263 ° -121.558800 °	DWR ID: DWR_RD0556_02_s_2012_4
69	5.03	5.21	Vegetation	LS M	Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.198039 ° 38.195649 ° 10 -121.558494 ° -121.560050 °	DWR ID: DWR_RD0556_02_s_2012_10
70	5.09	5.16	Vegetation	LS M	En	V6 : Landscaping				38.197453 ° 38.196493 ° 33 -121.558972 ° -121.559510 °	DWR ID: DWR_RD0556_02_s_2012_33
71	5.38	5.67	Vegetation	LS M	Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.194068 ° 38.192117 ° 1 -121.562117 ° -121.566833 °	DWR ID: DWR_RD0556_02_s_2012_1
72	5.39	5.42	Trim / Thin Trees	LS M	Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.				38.193850 ° 38.193498 ° 41 -121.562362 ° -121.562868 °	DWR ID: DWR_RD0556_02_f_2012_41
73	5.41	5.44	Vegetation	LS M	En	V6 : Landscaping				38.193760 ° 38.193445 ° 31 -121.562458 ° -121.562895 °	DWR ID: DWR_RD0556_02_s_2012_31
74	5.42	5.44	Vegetation	LS M	En	V6 : Landscaping				38.193708 ° 38.193445 ° 2 -121.562622 ° -121.562965 °	DWR ID: DWR_RD0556_02_s_2012_2
75	5.45	5.45	Encroachments	WS M	En	TR : Tree or limb				38.193391 ° 38.193391 ° 20 -121.563159 ° -121.563159 °	DWR ID: DWR_RD0556_02_s_2012_20

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	
Item	Vegetation
RD 556 Unit 2 looking upstream from levee mile 0.00 waterside slope. From this point both waterside and land side are visible. Wild growth present. Photo taken 5-15-2013.	
phillips_s_20130515_434.JPG	



Levee Mile Report Line	4
Start Levee Mile	0.08
End Levee Mile	0.14
Location	Water Side
Category	
Item	Vegetation
RD 556 Water side wild growth on slope and shoulder. Photo taken 4-25-2013.	
phillips_s_20130515_435.JPG	



Levee Mile Report Line	11
Start Levee Mile	0.31
End Levee Mile	0.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
phillips_s_20130228_187.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	11
Start Levee Mile	0.31
End Levee Mile	0.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

phillips\_s\_20130228\_188.jpg



Levee Mile Report Line	11
Start Levee Mile	0.31
End Levee Mile	0.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

phillips\_s\_20130228\_189.jpg



Levee Mile Report Line	11
Start Levee Mile	0.31
End Levee Mile	0.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #4

phillips\_s\_20130228\_190.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	18
Start Levee Mile	1.03
End Levee Mile	1.07
Location	Land Side
Category	
Item	Vegetation
Unsatisfactory growth on landward slope and toe of landward levee section. Photo taken 4-25-2013.	
phillips_s_20130516_437.JPG	



Levee Mile Report Line	19
Start Levee Mile	1.08
End Levee Mile	1.16
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
phillips_s_20130228_192.jpg	



Levee Mile Report Line	19
Start Levee Mile	1.08
End Levee Mile	1.16
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
phillips_s_20130228_193.jpg	



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CR : Crown

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	19
Start Levee Mile	1.08
End Levee Mile	1.16
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #3	
phillips_s_20130228_194.jpg	



Levee Mile Report Line	21
Start Levee Mile	1.17
End Levee Mile	1.37
Location	Water Side
Category	
Item	Trim / Thin Trees
Unsatisfactory wild growth on landward slope blocking view of levee section. Photo taken 4-25-2013.	
phillips_s_20130521_446.JPG	



Levee Mile Report Line	22
Start Levee Mile	1.45
End Levee Mile	1.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
phillips_s_20130228_195.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	22
Start Levee Mile	1.45
End Levee Mile	1.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

phillips\_s\_20130228\_196.jpg



Levee Mile Report Line	22
Start Levee Mile	1.45
End Levee Mile	1.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

phillips\_s\_20130228\_197.jpg



Levee Mile Report Line	22
Start Levee Mile	1.45
End Levee Mile	1.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #4

phillips\_s\_20130228\_198.jpg



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CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	25
Start Levee Mile	1.53
End Levee Mile	1.71
Location	Land Side
Category	
Item	Vegetation
Wild growth on landward levee section greater than 4 feet tall covering levee slope. Photo taken 4-25-2013.	
phillips_s_20130521_447.JPG	



Levee Mile Report Line	27
Start Levee Mile	1.86
End Levee Mile	4.27
Location	Land Side
Category	
Item	Vegetation
This photo captures some of the wild growth on the landward slope and shoulder that stretches for several miles. Only one photo was taken at the beginning of the run. Photo taken 4-25-2013.	
phillips_s_20130521_448.JPG	



Levee Mile Report Line	32
Start Levee Mile	2.10
End Levee Mile	2.16
Location	Water Side
Category	
Item	Encroachments
Unauthorized tree plantings along the toe waterward levee section looking downstream. Photo taken 4-25-2013.	
phillips_s_20130516_438.JPG	



* Location
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	33
Start Levee Mile	2.31
End Levee Mile	2.33
Location	Land Side
Category	
Item	Encroachments
Unauthorized young trees planted on the landward slope. Photo taken 4-25-13.	
phillips_s_20130520_441.JPG	



Levee Mile Report Line	34
Start Levee Mile	2.32
End Levee Mile	2.55
Location	Water Side
Category	
Item	Trim / Thin Trees
Unsatisfactory growth of trees blocking view of levee section waterward slope. Photo taken 4-25-2013.	
phillips_s_20130516_439.JPG	



Levee Mile Report Line	35
Start Levee Mile	2.38
End Levee Mile	2.73
Location	Land Side
Category	
Item	Vegetation
RD 556 Unit 2 Bamboo taking over the levee section landward. Photo taken 4-25-2013.	
phillips_s_20130516_440.JPG	



<b>* Location</b>
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	40
Start Levee Mile	2.93
End Levee Mile	3.05
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1



phillips\_s\_20130228\_200.jpg

Levee Mile Report Line	40
Start Levee Mile	2.93
End Levee Mile	3.05
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

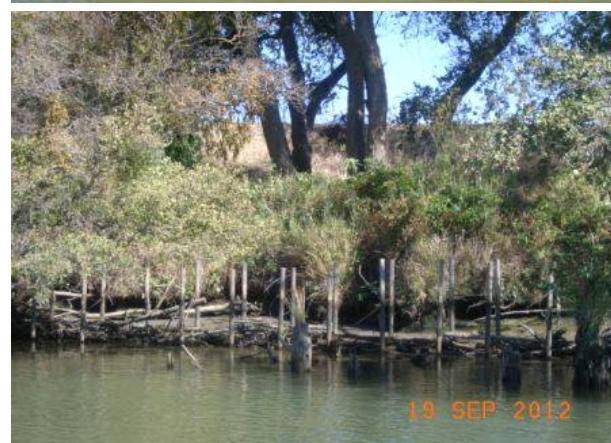
USACE 2012 Photo #2



phillips\_s\_20130228\_201.jpg

Levee Mile Report Line	40
Start Levee Mile	2.93
End Levee Mile	3.05
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3
phillips_s_20130228_202.jpg



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+ Issue Type
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	42
Start Levee Mile	3.16
End Levee Mile	3.28
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

phillips\_s\_20130228\_203.jpg



19 SEP 2012

10:27 AM

Levee Mile Report Line	42
Start Levee Mile	3.16
End Levee Mile	3.28
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

phillips\_s\_20130228\_204.jpg



19 SEP 2012

10:27 AM

Levee Mile Report Line	42
Start Levee Mile	3.16
End Levee Mile	3.28
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

phillips\_s\_20130228\_205.jpg



19 SEP 2012

10:27 AM

* Location
LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	46
Start Levee Mile	3.58
End Levee Mile	3.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

phillips\_s\_20130228\_206.jpg

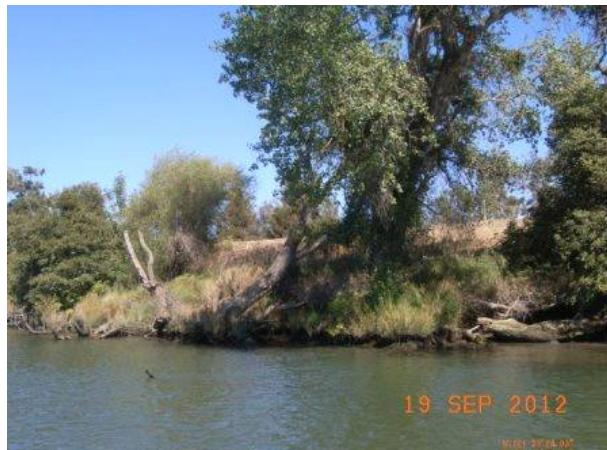


19 SEP 2012

Levee Mile Report Line	46
Start Levee Mile	3.58
End Levee Mile	3.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

phillips\_s\_20130228\_207.jpg



19 SEP 2012

Levee Mile Report Line	46
Start Levee Mile	3.58
End Levee Mile	3.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

phillips\_s\_20130228\_208.jpg



19 SEP 2012

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WS : Water Side
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	50
Start Levee Mile	3.95
End Levee Mile	4.12
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1



phillips\_s\_20130228\_209.jpg

Levee Mile Report Line	50
Start Levee Mile	3.95
End Levee Mile	4.12
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

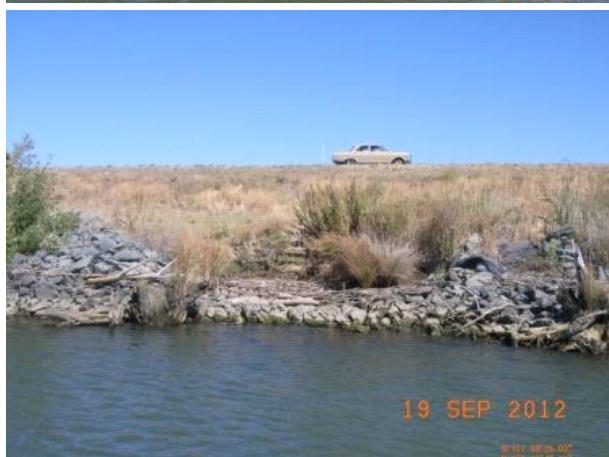
USACE 2012 Photo #2



phillips\_s\_20130228\_210.jpg

Levee Mile Report Line	50
Start Levee Mile	3.95
End Levee Mile	4.12
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3



phillips\_s\_20130228\_211.jpg

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	50
Start Levee Mile	3.95
End Levee Mile	4.12
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #4

phillips\_s\_20130228\_212.jpg



Unsatisfactory wild growth of bamboo on landward slope. Photo taken 4-25-2013.

phillips\_s\_20130520\_443.JPG



Unsatisfactory wild growth of bamboo blocking view of levee section waterward slope. Photo taken 4-25-2013.

phillips\_s\_20130520\_442.JPG



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	58
Start Levee Mile	4.53
End Levee Mile	4.89
Location	Land Side
Category	
Item	Encroachments
Unsatisfactory landscaping blocking slope and shoulder on the landward levee section. Photo taken 4-25-2013.	
phillips_s_20130520_445.JPG	



Levee Mile Report Line	62
Start Levee Mile	4.72
End Levee Mile	4.90
Location	Land Side
Category	
Item	Vegetation
Unsatisfactory wild growth on levee section; can't see slope. Photo taken 4-25-2013.	
phillips_s_20130520_444.JPG	



Levee Mile Report Line	67
Start Levee Mile	4.85
End Levee Mile	4.88
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
phillips_s_20130228_213.jpg	



* Location
LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/25/2013 04/25/2013	Herman Phillips

Levee Mile Report Line	67
Start Levee Mile	4.85
End Levee Mile	4.88
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
phillips_s_20130228_214.jpg	



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating	A : Acceptable	N : Not Inspected/Rated	+ Issue Type
	M : Minimally Acceptable	C : Corrected	Ma : Maintenance Deficiency
	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	Ob : Design & System Obsolescence
			En : Enforcement